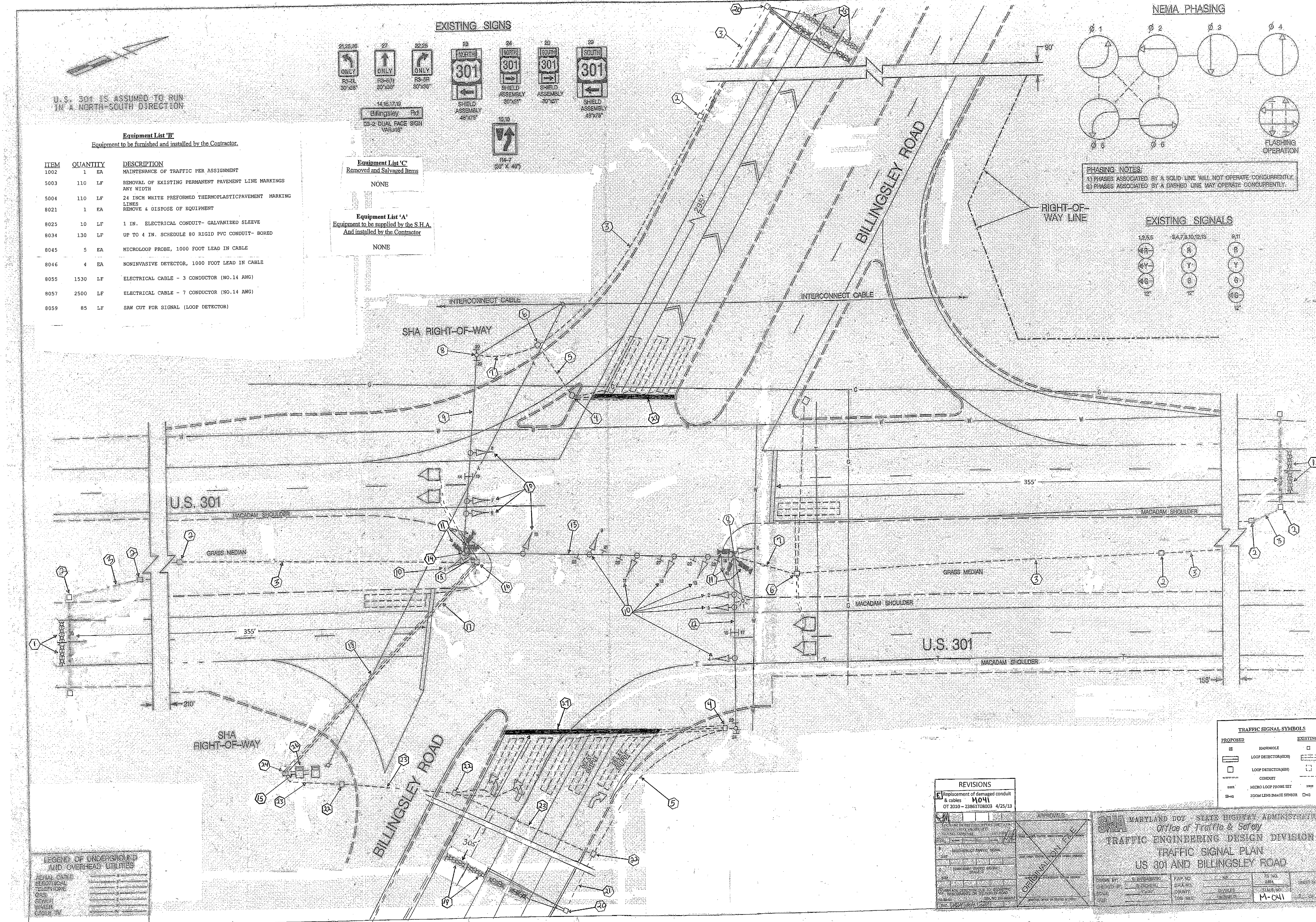

Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1002	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5003	110	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
5004	110	LF	24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING LINES
8021	1	EA	REMOVE & DISPOSE OF EQUIPMENT
8025	10	LF	1 IN. ELECTRICAL CONDUIT- GALVANIZED SLEEVE
8034	130	LF	UP TO 4 IN. SCHEDULE 80 RIGID PVC CONDUIT- BORED
8045	5	EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
8046	4	EA	NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE
8055	1530	LF	ELECTRICAL CABLE - 3 CONDUCTOR (NO.14 AWG)
8057	2500	LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO.14 AWG)
8059	85	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'C'
Removed and Salvaged Items

NONE

Equipment List 'A'
Equipment to be supplied by the S.H.A.
And installed by the Contractor

NONE

Construction Details

1. Replace existing non-invasive triple micro loop probe sets.
2. Use existing handhole. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
3. Use existing conduit. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
4. Use existing handhole. Remove all loop detection lead-in cables.
5. Use existing conduit. Remove all loop detection lead-in cables.
6. Use existing handhole. Remove existing loop detection and triple micro loop probe lead-in cables. Install proposed triple micro loop probe lead-in cables.
7. Use existing conduit. Remove existing loop detection and triple micro loop probe lead-in cables. Install proposed triple micro loop probe lead-in cables.
8. Use existing strain pole. Remove existing loop detection and triple micro loop probe lead-in cables. Install proposed triple micro loop probe lead-in cables.
9. Use existing span wire. Remove existing field wires, loop detection and triple micro loop probe lead-in cables. Install proposed triple micro loop probe lead-in cables and field wires.
10. Remove existing field wires for signal heads and install proposed field wires. Rewire signal heads.
11. Remove existing video detection lead-in cables for cameras and install proposed video detection lead-in cables. Rewire cameras.
12. Use existing span wire. Remove existing field wires and install proposed field wires.
13. Use existing span wire. Remove existing field wires, video detection, loop detection and triple micro loop probe lead-in cables. Install proposed field wire, video detection and triple micro loop probe lead-in cables.
14. Use existing strain pole. Remove existing field wires, video detection, loop detection and triple micro loop probe lead-in cables. Install proposed field wires, video detection and triple micro loop probe lead-in cables.
15. Use existing conduit. Remove existing field wires, video detection, loop detection and triple micro loop probe lead-in cables. Install proposed field wires, video detection and triple micro loop probe lead-in cables.
16. Use existing handhole. Remove existing field wires, video detection, loop detection and triple micro loop probe lead-in cables. Install proposed field wires into proposed conduit. Install video detection and triple micro loop probe lead-in cables into existing conduit.
17. Use existing conduit (I/C cable). Remove unused cables and install proposed video detection and triple micro loop probe lead-in cables.
18. Install 4" schedule 80 polyvinyl chloride electrical conduit (bored/pushed). Install proposed field wires. **Note: Do not damage existing parallel conduit run.**
19. Install proposed triple micro loop probe sets.
20. Use existing handhole. Install proposed detector sleeve and triple micro loop probe lead-in cables.
21. Use existing conduit. Install proposed triple micro loop probe lead-in cables.
22. Use existing handhole. Remove existing loop detection lead-in cables. Install proposed triple micro loop probe lead-in cables.
23. Use existing conduit. Remove existing loop detection lead-in cables. Install proposed triple micro loop probe lead-in cables.
24. Use existing handhole. Remove existing field wires, video detection, loop detection and triple micro loop probe lead-in cables. Install proposed field wires, video detection and triple micro loop probe lead-in cables.
25. Replace existing triple micro loop probe sets.
26. Use existing controller cabinet. Remove existing field wires, video detection, loop detection and triple micro loop probe lead-in cables. Install proposed field wires, video detection and triple micro loop probe lead-in cables. TOD personnel will program cameras and re-tune amplifiers after completion of proposed work.
27. Remove existing stop line and re-install in accordance to SHA Standards.

REVISIONS

E Replacement of damaged conduit & cables M041
OT 2010 – 23861T08003 4/25/13

B RECONSTRUCT TRAFFIC SIGNAL

C TEMPORARY TRAFFIC SIGNAL STAGE II

D REPLACE DETECTION DUE TO GEOMETRIC IMPROVEMENTS ON BILLINGSLEY ROAD SHA NO. BW-990M62

APPROVALS

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
US 301 AND BILLINGSLEY ROAD

DRAWN BY:	S. BARBABIWSKI	F.A.P. NO.	N/A	TS NO. 2481	SHEET NO.
CHECKED BY:	R. ZACHERL	S.H.A. NO.		T.I.M.S. NO. M-041	1 OF 1
SCALE:	1"=20'	COUNTY	CHARLES		
DATE:		LOG. MILE	08030121.01		